



Foreign Agricultural Service

**GAIN Report**

Global Agriculture Information Network

Scheduled Report - public distribution

Date: 11/9/1999

GAIN Report #JA9141

## **Japan**

## **Citrus**

## **Citrus Annual Report**

## **1999**

Prepared by:

**Michael D. Woolsey**

**U.S. Embassy**

Drafted by:

Kenzo Ito

---

### **Report Highlights:**

**Despite bumper crops of Japanese mikans and other competing fruits this year, Japanese imports of fresh oranges are expected to rebound to normal levels in 1999/2000 as the California orange industry recovers from the devastating freeze in December, 1998. Overall, fresh orange imports are expected to total 155,000 tons, up from 91,000 tons in 1998/1999. Conversely, fresh grapefruit imports are forecast to slide almost 10 percent from last year to 240,000 tons. Fresh lemon imports are expected to roughly unchanged from sales in 1998/99 at 86,000 tons.**

---

Includes PSD changes: Yes

Includes Trade Matrix: Yes

Annual Report

Tokyo[JA1], JA

## Table of Contents

Production .....	<a href="#">1</a>
Fresh Oranges: .....	<a href="#">1</a>
Fresh Tangerines: .....	<a href="#">2</a>
Fresh Citrus, Other: .....	<a href="#">2</a>
Consumption .....	<a href="#">2</a>
Fresh Oranges: .....	<a href="#">2</a>
Fresh Grapefruit: .....	<a href="#">2</a>
Fresh Lemons: .....	<a href="#">3</a>
Fresh Tangerines: .....	<a href="#">3</a>
Trade .....	<a href="#">3</a>
Fresh Oranges: .....	<a href="#">3</a>
Fresh Grapefruit: .....	<a href="#">4</a>
Fresh Lemons: .....	<a href="#">4</a>
Policy .....	<a href="#">4</a>
Import Tariffs (Citrus): .....	<a href="#">4</a>
PS&D Tables and Trade Matrices .....	<a href="#">6</a>
Fresh Orange PS&D Table .....	<a href="#">6</a>
Orange Juice PS&D Table .....	<a href="#">7</a>
Fresh Orange Import Trade Matrix .....	<a href="#">8</a>
Orange Juice Import Trade Matrix .....	<a href="#">9</a>
Fresh Orange Wholesale Price Tables .....	<a href="#">10</a>
Fresh Grapefruit PS&D Table .....	<a href="#">11</a>
Grapefruit Juice PS&D Table .....	<a href="#">12</a>
Fresh Grapefruit Import Trade Matrix .....	<a href="#">13</a>
Grapefruit Juice Import Trade Matrix .....	<a href="#">14</a>
Fresh Grapefruit Wholesale Price Table .....	<a href="#">15</a>
Fresh Lemon PS&D Table .....	<a href="#">16</a>
Lemon Juice PS&D Table .....	<a href="#">17</a>
Fresh Lemon Import Trade Matrix .....	<a href="#">18</a>
Lemon Juice Import Trade Matrix .....	<a href="#">19</a>
Fresh Lemon Wholesale Price .....	<a href="#">20</a>
Fresh Tangerine PS&D Table .....	<a href="#">21</a>
Tangerine Juice PS&D Table .....	<a href="#">22</a>
Fresh Tangerine Export Trade Matrix .....	<a href="#">23</a>
Fresh Tangerine Import Trade Matrix .....	<a href="#">24</a>
Fresh Tangerine Wholesale Price Table .....	<a href="#">25</a>
Fresh Citrus, Other PS&D Table .....	<a href="#">26</a>
Fresh Citrus, Other Wholesale Price Table .....	<a href="#">27</a>

## **Production**

### **Fresh Tangerines:**

Japanese production of fresh tangerines for the 1999/2000 season is expected to be 1.622 million metric tons, based on October 1 conditions, according to the Ministry of Agriculture, Forestry and Fisheries (MAFF) and local growers' organizations. Japanese Mikan production, the most important variety, is expected to reach 1.36 million metric tons, up 14 percent from last year. Favorable weather in spring and summer this year, resulting in good flowering and fruiting of Mikans, contributed to the bumper crop. Iyokans (192,000 tons) and Hassakus (70,000 tons) account for the remainder of projected 1999/2000 Japanese fresh tangerine production. Iyokans and Hassakus are late crop varieties, harvested from mid January through late February.

Mikan harvested area is expected to be down by 1 percent from the 1998/99 level to 59,700 hectares, due largely to a plantation to new varieties and a conversion of acreage to other fruit varieties. Of the total harvested area, approximately 56 percent (33,300 hectare) is planted with early crop varieties harvested from August to November and the rest (26,400 hectare) are planted with regular varieties harvested from November to January. Greenhouse Mikan production (1,300 hectares), is marketed in Japan's off-season niche market, with harvesting occurring from May through July.

### **Fresh Oranges:**

Japanese production of fresh oranges continues to decline and accounts for one percent of total citrus production. The planted and harvested acreage for Navel oranges for the 1999/2000 season is projected to decline by roughly 7 percent from the previous year. Production of Valencias is negligible and not marketed commercially.

### **Fresh Citrus, Other:**

The other principal citrus variety grown in Japan is Natsu-Mikan (also called Natsu-Daidai). Thus, the statistics reported in the PS&D as "other" reflect Natsu-Mikan production, which is a late variety citrus harvested from late December to February. Natsu-Mikan varieties are fairly acidic and less juicy than other citrus. In appearance, it bears more similarity to a grapefruit.

## **Consumption**

### **Fresh Oranges:**

Japanese consumption of fresh oranges for the 1998/99 season declined 37 percent from the previous season due to sharply lower U.S. supplies caused by the late December, 1998 freeze in California's Central Valley. Japanese consumption of fresh oranges is heavily reliant on imports, with California being the most important supplier of fresh oranges to the Japanese market.

Japanese consumption of fresh oranges rises in early spring when temperatures start rising and the peak consumption occurs in April and May as the taste of California oranges matures. Fruit quality, particularly Brix levels, is an important

factor in Japanese fresh orange demand.

**Fresh Grapefruit:**

Japanese consumption of fresh grapefruit for the 1998/99 season jumped 13 percent from the previous season due mainly to an abundant supply of premium "Japan grade" grapefruit from Florida. Imports account for all of Japan's fresh grapefruit supply, with U.S. comprising 81 percent of total sales.

Fresh grapefruit are consumed year-round with peak demand running from April through June when Brix levels of Florida grapefruit are high. Roughly three quarters of Japan's fresh grapefruit (in volume) is consumed between February and June.

**Fresh Lemons:**

Japanese consumption of fresh lemons is fairly stable all year round. Fresh lemons are steadily consumed through out the year in Japan's food service sector, like restaurants, hotels and pubs, as well as home cooking use. According to the Japan Management and Coordination Agency, Japanese consumption of fresh lemons for home use for 1998 (January-December, 1998) was 632 grams per household (based on an average of 3.50 persons/household).

**Fresh Tangerines:**

Mikan remains the most popular of all types of fresh fruit consumed in Japan, although the overall trend toward lower Mikan consumption is expected to continue.

According to the Japanese Management and Coordination Agency, Japanese consumption of fresh Mikans for 1998 (January-December) was 20.9 kilograms per household (based on an average 3.50 persons/household).

According to the Japan Fruit Production/Shipment Stabilization Committee, fresh Mikans that are destined for the processing sector for the 1999/2000 marketing year is estimated at 157,000 metric tons, with 107,000 metric tons of new crop destined for the juice industry and 50,000 metric tons for the canning industry.

**Trade****Fresh Oranges:**

Japanese imports of fresh oranges for the 1998/99 season declined 40 percent from the previous season, due to sharply lower supplies from California as a result of the December, 1998 freeze. The United States supplied approximately 54,000 metric tons of fresh oranges for the 1998/99 season, valued at \$77 million (on a CIF basis.)

Japan increased imports from Spain, Israel, Mexico and Cuba in order to make up California's short crop. Shipments of Spanish oranges were particularly brisk, with traders reporting high Brix levels and good appearance on nearly all shipments. Spain shipped over 9,500 metric tons of fresh oranges in the 1998/99 season, up more than ten fold from the level of the previous season. Mexico and Israel also increased shipments of fresh oranges significantly to make up

for shortages caused by the California freeze.

Japanese traders expect imports of fresh oranges in the 1999/2000 season will likely return to normal levels, at approximately 155,000 metric tons. Japanese traders expect the new crop of California Navels will arrive in the market in early December and steady movement expected until March. The marketing of California Valencias will start in March and continue until summer.

The average import price of fresh oranges from the United States in the 1998/99 marketing season was \$1.43 per kilogram on a CIF basis. While, import prices from Australia, Spain and South Africa were \$1.16, \$1.35 and \$0.88 per kilogram, respectively.

### **Fresh Grapefruit:**

Japanese imports of fresh grapefruit in the 1998/99 season rose 13 percent to 260,000 metric tons from the previous season. The increase was largely attributed by Florida's good quality crop. The United States supplies over 210,000 metric tons of fresh grapefruit to the Japanese market, valued at \$190 million (on a CIF basis) in the 1998/99 season, with Florida accounting for the great majority of the U.S. shipments.

According to Japanese traders, demand for fresh grapefruit for the 1999/2000 season is expected to be approximately 240,000 metric tons. Overall, traders forecast imports from Florida will likely be 9.5 million cartons (161,500 metric tons) in the 1999/2000 season. Shipments from Israel ("Sweetie" variety) is expected to be roughly 1.2 million cartons (20,400 metric tons.)

The average import price of grapefruit from the United States for the 1998/99 season was 90 cents per kilogram (CIF), while import price of South African grapefruit was 77 cents per kilogram (CIF). The average import price of Israel's sweeties was 91 cents per kilogram (CIF.)

### **Fresh Lemons:**

Japan's year-to-year import levels for fresh lemons are fairly stable, at 85,000 metric tons in the 1998/99 year. The U.S. supplied the vast majority of fresh lemons to the Japanese market, with sales totaling almost 75,000 metric tons in 1998/99, valued at \$112 million (on a CIF basis.) Chile, Australia and South Africa accounted for the remainder of Japan's fresh lemon imports. Traders expect imports in 1999/2000 will continue at roughly 85,000 tons in 1999/2000.

The average import price of fresh lemons from the United States in the 1998/99 season was \$1.50 per kilogram (CIF), while import prices from Chile, Australia and South Africa were \$1.50, \$1.24 and 79 cents per kilogram, respectively.

## **Policy**

### **Import Tariffs (Citrus):**

The Japanese Government assesses a comparatively high import duty on fresh oranges. The current rate is 33.3 percent for imports during the December-May period, i.e., during the major marketing season for domestically

produced citrus fruit, and 16.7 percent during June-November. Under the GATT Uruguay Round Agreement, the rates will drop to 32 and 16 percent by the year 2000.

The current import duty for fresh grapefruit is 10 percent. No import duty is applied on fresh lemons.

## PS&amp;D Tables and Trade Matrices

## Fresh Orange PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Fresh Oranges				(HECTARES)(1000 TREES)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	1920	2020	1750	1720	0	1600
Area Harvested	1900	1990	1730	1700	0	1580
Bearing Trees	1140	1194	1038	1020	0	948
Non-Bearing Trees	36	54	36	36	0	36
TOTAL No. Of Trees	1176	1248	1074	1056	0	984
Production	24	24	23	21	0	20
Imports	151	151	142	91	0	155
TOTAL SUPPLY	175	175	165	112	0	175
Exports	0	0	0	0	0	0
Fresh Dom. Consumption	173	173	163	110	0	173
Processing	2	2	2	2	0	2
TOTAL DISTRIBUTION	175	175	165	112	0	175

Orange Juice PS&amp;D Table

<b>PSD Table</b>						
<b>Country</b>	<b>Japan</b>			<b>65</b>	<b>Degrees Brix</b>	
<b>Commodity</b>	<b>Juice, Orange</b>				<b>(MT)</b>	
	<b>Revised</b>	<b>1997</b>	<b>Preliminary</b>	<b>1998</b>	<b>Forecast</b>	<b>1999</b>
	<b>Old</b>	<b>New</b>	<b>Old</b>	<b>New</b>	<b>Old</b>	<b>New</b>
<b>Market Year Begin</b>		<b>10/1997</b>		<b>10/1998</b>		<b>10/1999</b>
<b>Deliv. To Processors</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>
<b>Beginning Stocks</b>	<b>5000</b>	<b>5000</b>	<b>10000</b>	<b>15000</b>	<b>5000</b>	<b>5000</b>
<b>Production</b>	<b>200</b>	<b>200</b>	<b>100</b>	<b>200</b>	<b>0</b>	<b>200</b>
<b>Imports</b>	<b>98100</b>	<b>106405</b>	<b>90000</b>	<b>81705</b>	<b>0</b>	<b>90000</b>
<b>TOTAL SUPPLY</b>	<b>103300</b>	<b>111605</b>	<b>100100</b>	<b>96905</b>	<b>5000</b>	<b>95200</b>
<b>Exports</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Domestic Consumption</b>	<b>93300</b>	<b>96605</b>	<b>95100</b>	<b>91905</b>	<b>0</b>	<b>90200</b>
<b>Ending Stocks</b>	<b>10000</b>	<b>15000</b>	<b>5000</b>	<b>5000</b>	<b>0</b>	<b>5000</b>
<b>TOTAL DISTRIBUTION</b>	<b>103300</b>	<b>111605</b>	<b>100100</b>	<b>96905</b>	<b>0</b>	<b>95200</b>



**Fresh Orange Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Oranges</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>129749</b>	<b>U.S.</b>	<b>53933</b>
<b>Others</b>		<b>Others</b>	
<b>South Africa</b>	<b>13016</b>	<b>South Africa</b>	<b>8810</b>
<b>Australia</b>	<b>5491</b>	<b>Australia</b>	<b>11061</b>
<b>Spain</b>	<b>892</b>	<b>Spain</b>	<b>9512</b>
<b>Mexico</b>	<b>572</b>	<b>Mexico</b>	<b>5247</b>
<b>Swaziland</b>	<b>757</b>	<b>Swaziland</b>	<b>303</b>
<b>Chile</b>	<b>25</b>	<b>Chile</b>	<b>285</b>
		<b>Israel</b>	<b>1527</b>
		<b>Cuba</b>	<b>120</b>
		<b>New Zealand</b>	<b>43</b>
<b>Total for Others</b>	<b>20753</b>		<b>36908</b>
<b>Others not Listed</b>	<b>5</b>		<b>26</b>
<b>Grand Total</b>	<b>150507</b>		<b>90867</b>

**Orange Juice Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Juice, Orange</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>22365</b>	<b>U.S.</b>	<b>20349</b>
<b>Others</b>		<b>Others</b>	
<b>Brazil</b>	<b>81304</b>	<b>Brazil</b>	<b>58739</b>
<b>Israel</b>	<b>115</b>	<b>Israel</b>	<b>247</b>
<b>Australia</b>	<b>249</b>	<b>Australia</b>	<b>119</b>
<b>Mexico</b>	<b>1350</b>	<b>Mexico</b>	<b>534</b>
<b>Italy</b>	<b>128</b>	<b>Italy</b>	<b>277</b>
<b>Total for Others</b>	<b>83146</b>		<b>59916</b>
<b>Others not Listed</b>	<b>895</b>		<b>1439</b>
<b>Grand Total</b>	<b>106406</b>		<b>81704</b>

**Fresh Orange Wholesale Price Tables**

<b>Prices Table</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Oranges</b>		
<b>Prices in</b>	<b>Yen</b>	<b>per uom</b>	<b>KG</b>
<b>Year</b>	<b>1998</b>	<b>1999</b>	<b>% Change</b>
<b>Jan</b>	<b>193</b>	<b>309</b>	<b>60.10%</b>
<b>Feb</b>	<b>188</b>	<b>333</b>	<b>77.13%</b>
<b>Mar</b>	<b>190</b>	<b>313</b>	<b>64.74%</b>
<b>Apr</b>	<b>205</b>	<b>291</b>	<b>41.95%</b>
<b>May</b>	<b>220</b>	<b>299</b>	<b>35.91%</b>
<b>Jun</b>	<b>206</b>	<b>299</b>	<b>45.15%</b>
<b>Jul</b>	<b>197</b>	<b>286</b>	<b>45.18%</b>
<b>Aug</b>	<b>189</b>	<b>244</b>	<b>29.10%</b>
<b>Sep</b>	<b>188</b>		<b>-100.00%</b>
<b>Oct</b>	<b>219</b>		<b>-100.00%</b>
<b>Nov</b>	<b>247</b>		<b>-100.00%</b>
<b>Dec</b>	<b>234</b>		<b>-100.00%</b>
<b>Exchange Rate</b>	<b>104.05</b>	<b>Local currency/US \$</b>	

Fresh Grapefruit PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Fresh Grapefruit				(HECTARES)(1000 TREES)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	0	0	0	0	0	0
Area Harvested	0	0	0	0	0	0
Bearing Trees	0	0	0	0	0	0
Non-Bearing Trees	0	0	0	0	0	0
TOTAL No. Of Trees	0	0	0	0	0	0
Production	0	0	0	0	0	0
Imports	230	230	250	261	0	240
TOTAL SUPPLY	230	230	250	261	0	240
Exports	0	0	0	0	0	0
Fresh Dom. Consumption	230	230	250	261	0	240
Processing	0	0	0	0	0	0
TOTAL DISTRIBUTION	230	230	250	261	0	240

Grapefruit Juice PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Juice, Grapefruit				(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Deliv. To Processors	0	0	0	0	0	0
Beginning Stocks	0	2000	0	2000	0	2000
Production	0	0	0	0	0	0
Imports	0	12446	0	16735	0	17000
TOTAL SUPPLY	0	14446	0	18735	0	19000
Exports	0	0	0	0	0	0
Domestic Consumption	0	12446	0	16735	0	17000
Ending Stocks	0	2000	0	2000	0	2000
TOTAL DISTRIBUTION	0	14446	0	18735	0	19000

**Fresh Grapefruit Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Grapefruit</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>185929</b>	<b>U.S.</b>	<b>211334</b>
<b>Others</b>		<b>Others</b>	
<b>Israel</b>	<b>23650</b>	<b>Israel</b>	<b>15423</b>
<b>South Africa</b>	<b>14077</b>	<b>South Africa</b>	<b>26856</b>
<b>Swaziland</b>	<b>6268</b>	<b>Swaziland</b>	<b>6640</b>
<b>New Zealand</b>	<b>9</b>	<b>Cuba</b>	<b>422</b>
		<b>New Zealand</b>	<b>9</b>
		<b>China</b>	<b>17</b>
<b>Total for Others</b>	<b>44004</b>		<b>49367</b>
<b>Others not Listed</b>	<b>4</b>		<b>4</b>
<b>Grand Total</b>	<b>229937</b>		<b>260705</b>

**Grapefruit Juice Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Juice, Grapefruit</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>11466</b>	<b>U.S.</b>	<b>14759</b>
<b>Others</b>		<b>Others</b>	
<b>Israel</b>	<b>405</b>	<b>Israel</b>	<b>960</b>
<b>Total for Others</b>	<b>405</b>		<b>960</b>
<b>Others not Listed</b>	<b>575</b>		<b>1015</b>
<b>Grand Total</b>	<b>12446</b>		<b>16734</b>

**Fresh Grapefruit Wholesale Price Table**

<b>Prices Table</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Grapefruit</b>		
<b>Prices in</b>	<b>Yen</b>	<b>per uom</b>	<b>KG</b>
<b>Year</b>	<b>1998</b>	<b>1999</b>	<b>% Change</b>
<b>Jan</b>	<b>138</b>	<b>144</b>	<b>4.35%</b>
<b>Feb</b>	<b>126</b>	<b>152</b>	<b>20.63%</b>
<b>Mar</b>	<b>147</b>	<b>159</b>	<b>8.16%</b>
<b>Apr</b>	<b>160</b>	<b>159</b>	<b>-0.62%</b>
<b>May</b>	<b>162</b>	<b>166</b>	<b>2.47%</b>
<b>Jun</b>	<b>159</b>	<b>172</b>	<b>8.18%</b>
<b>Jul</b>	<b>156</b>	<b>171</b>	<b>9.62%</b>
<b>Aug</b>	<b>166</b>	<b>155</b>	<b>-6.63%</b>
<b>Sep</b>	<b>168</b>		<b>-100.00%</b>
<b>Oct</b>	<b>233</b>		<b>-100.00%</b>
<b>Nov</b>	<b>195</b>		<b>-100.00%</b>
<b>Dec</b>	<b>150</b>		<b>-100.00%</b>
<b>Exchange Rate</b>	<b>104.05</b>	<b>Local currency/US \$</b>	



Fresh Lemon PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Fresh Lemons				(HECTARES)(1000 TREES)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	0	0	0	0	0	0
Area Harvested	0	0	0	0	0	0
Bearing Trees	0	0	0	0	0	0
Non-Bearing Trees	0	0	0	0	0	0
TOTAL No. Of Trees	0	0	0	0	0	0
Production	2	2	2	2	0	2
Imports	87	87	90	85	0	86
TOTAL SUPPLY	89	89	92	87	0	88
Exports	0	0	0	0	0	0
Fresh Dom. Consumption	89	89	92	87	0	88
Processing	0	0	0	0	0	0
TOTAL DISTRIBUTION	89	89	92	87	0	88

Lemon Juice PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Juice, Lemon				(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Deliv. To Processors	0	0	0	0	0	0
Beginning Stocks	0	2000	0	2000	0	2000
Production	0	0	0	0	0	0
Imports	8500	8868	0	10647	0	10000
TOTAL SUPPLY	8500	10868	0	12647	0	12000
Exports	0	0	0	0	0	0
Domestic Consumption	8500	8868	0	10647	0	10000
Ending Stocks	0	2000	0	2000	0	2000
TOTAL DISTRIBUTION	8500	10868	0	12647	0	12000

**Fresh Lemon Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Lemons</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>77530</b>	<b>U.S.</b>	<b>74621</b>
<b>Others</b>		<b>Others</b>	
<b>Chile</b>	<b>4708</b>	<b>Chile</b>	<b>5308</b>
<b>Australia</b>	<b>2022</b>	<b>Australia</b>	<b>1895</b>
<b>South Africa</b>	<b>1791</b>	<b>South Africa</b>	<b>1723</b>
<b>New Zealand</b>	<b>488</b>	<b>New Zealand</b>	<b>769</b>
<b>Spain</b>	<b>17</b>	<b>Spain</b>	<b>248</b>
<b>Mexico</b>	<b>15</b>		
<b>Total for Others</b>	<b>9041</b>		<b>9943</b>
<b>Others not Listed</b>	<b>2</b>		<b>4</b>
<b>Grand Total</b>	<b>86573</b>		<b>84568</b>

**Lemon Juice Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Juice, Lemon</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>1076</b>	<b>U.S.</b>	<b>998</b>
<b>Others</b>		<b>Others</b>	
<b>Israel</b>	<b>4049</b>	<b>Israel</b>	<b>4342</b>
<b>Italy</b>	<b>2101</b>	<b>Italy</b>	<b>3446</b>
<b>Argentina</b>	<b>1475</b>	<b>Argentina</b>	<b>1607</b>
<b>Total for Others</b>	<b>7625</b>		<b>9395</b>
<b>Others not Listed</b>	<b>168</b>		<b>253</b>
<b>Grand Total</b>	<b>8869</b>		<b>10646</b>

**Fresh Lemon Wholesale Price**

<b>Prices Table</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Lemons</b>		
<b>Prices in</b>	<b>Yen</b>	<b>per uom</b>	<b>KG</b>
<b>Year</b>	<b>1998</b>	<b>1999</b>	<b>% Change</b>
<b>Jan</b>	<b>189</b>	<b>248</b>	<b>31.22%</b>
<b>Feb</b>	<b>188</b>	<b>243</b>	<b>29.26%</b>
<b>Mar</b>	<b>183</b>	<b>227</b>	<b>24.04%</b>
<b>Apr</b>	<b>195</b>	<b>229</b>	<b>17.44%</b>
<b>May</b>	<b>224</b>	<b>247</b>	<b>10.27%</b>
<b>Jun</b>	<b>318</b>	<b>246</b>	<b>-22.64%</b>
<b>Jul</b>	<b>398</b>	<b>238</b>	<b>-40.20%</b>
<b>Aug</b>	<b>401</b>	<b>251</b>	<b>-37.41%</b>
<b>Sep</b>	<b>353</b>		<b>-100.00%</b>
<b>Oct</b>	<b>355</b>		<b>-100.00%</b>
<b>Nov</b>	<b>310</b>		<b>-100.00%</b>
<b>Dec</b>	<b>243</b>		<b>-100.00%</b>
<b>Exchange Rate</b>	<b>104.05</b>	<b>Local currency/US \$</b>	

Fresh Tangerine PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Fresh Tangerines				(HECTARES)(1000 TREES)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	79940	80750	78080	77650	0	76360
Area Harvested	75780	76050	73990	73910	0	72720
Bearing Trees	45468	45630	44394	44346	0	43632
Non-Bearing Trees	7488	8460	7362	6732	0	6552
TOTAL No. Of Trees	52956	54090	51756	51078	0	50184
Production	1834	1773	1439	1471	0	1622
Imports	7	5	7	8	0	7
TOTAL SUPPLY	1841	1778	1446	1479	0	1629
Exports	5	6	5	3	0	5
Fresh Dom. Consumption	1561	1497	1314	1339	0	1467
Processing	275	275	127	137	0	157
TOTAL DISTRIBUTION	1841	1778	1446	1479	0	1629

Tangerine Juice PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Juice, Tangerine				(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Deliv. To Processors	134000	275000	0	137000	0	157000
Beginning Stocks	0	5000	0	10000	0	4000
Production	13800	27500	0	13700	0	15700
Imports	0	0	0	0	0	0
TOTAL SUPPLY	13800	32500	0	23700	0	19700
Exports	0	0	0	0	0	0
Domestic Consumption	13800	22500	0	19700	0	17700
Ending Stocks	0	10000	0	4000	0	2000
TOTAL DISTRIBUTION	13800	32500	0	23700	0	19700

**Fresh Tangerine Export Trade Matrix**

<b>Export Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Tangerines</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Exports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>143</b>	<b>U.S.</b>	<b>223</b>
<b>Others</b>		<b>Others</b>	
<b>Canada</b>	<b>4022</b>	<b>Canada</b>	<b>2494</b>
<b>North Korea</b>	<b>135</b>	<b>North Korea</b>	<b>116</b>
<b>Taiwan</b>	<b>39</b>	<b>Taiwan</b>	<b>2</b>
<b>Hong Kong</b>	<b>137</b>	<b>Hong Kong</b>	<b>41</b>
<b>Guam</b>	<b>30</b>	<b>Guam</b>	<b>24</b>
<b>Singapore</b>	<b>34</b>	<b>Singapore</b>	<b>21</b>
<b>Brunei</b>	<b>11</b>		
<b>Russia</b>	<b>26</b>		
<b>Total for Others</b>	<b>4434</b>		<b>2698</b>
<b>Others not Listed</b>	<b>35</b>		<b>23</b>
<b>Grand Total</b>	<b>4612</b>		<b>2944</b>



**Fresh Tangerine Import Trade Matrix**

<b>Import Trade Matrix</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Tangerines</b>		
<b>Time period</b>	<b>Oct. - Sept.</b>	<b>Units:</b>	<b>Metric Tons</b>
<b>Imports for:</b>	<b>1997</b>		<b>1998</b>
<b>U.S.</b>	<b>4521</b>	<b>U.S.</b>	<b>2311</b>
<b>Others</b>		<b>Others</b>	
<b>Chile</b>	<b>1488</b>	<b>Chile</b>	<b>1432</b>
<b>New Zealand</b>	<b>786</b>	<b>New Zealand</b>	<b>1331</b>
<b>Korean Republic</b>	<b>385</b>	<b>Australia</b>	<b>1074</b>
<b>Taiwan</b>	<b>107</b>	<b>Korean Republic</b>	<b>2154</b>
<b>China</b>	<b>10</b>	<b>Taiwan</b>	<b>92</b>
<b>Total for Others</b>	<b>2776</b>		<b>6083</b>
<b>Others not Listed</b>	<b>1</b>		<b>14</b>
<b>Grand Total</b>	<b>7298</b>		<b>8408</b>

**Fresh Tangerine Wholesale Price Table**

<b>Prices Table</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Tangerines</b>		
<b>Prices in</b>	<b>Yen</b>	<b>per uom</b>	<b>KG</b>
<b>Year</b>	<b>1998</b>	<b>1999</b>	<b>% Change</b>
<b>Jan</b>	<b>103</b>	<b>263</b>	<b>155.34%</b>
<b>Feb</b>	<b>128</b>	<b>252</b>	<b>96.88%</b>
<b>Mar</b>	<b>154</b>	<b>254</b>	<b>64.94%</b>
<b>Apr</b>	<b>267</b>	<b>571</b>	<b>113.86%</b>
<b>May</b>	<b>1186</b>	<b>1294</b>	<b>9.11%</b>
<b>Jun</b>	<b>855</b>	<b>877</b>	<b>2.57%</b>
<b>Jul</b>	<b>811</b>	<b>719</b>	<b>-11.34%</b>
<b>Aug</b>	<b>683</b>	<b>670</b>	<b>-1.90%</b>
<b>Sep</b>	<b>391</b>		<b>-100.00%</b>
<b>Oct</b>	<b>255</b>		<b>-100.00%</b>
<b>Nov</b>	<b>235</b>		<b>-100.00%</b>
<b>Dec</b>	<b>264</b>		<b>-100.00%</b>
<b>Exchange Rate</b>	<b>104.05</b>	<b>Local currency/US \$</b>	

Fresh Citrus, Other PS&amp;D Table

PSD Table						
Country	Japan					
Commodity	Fresh Citrus,Other				(HECTARES)(1000 TREES)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	5060	5180	4760	4860	0	4710
Area Harvested	5030	5160	4730	4840	0	4700
Bearing Trees	3018	3096	2838	2904	0	2820
Non-Bearing Trees	54	36	54	36	0	18
TOTAL No. Of Trees	3072	3132	2892	2940	0	2838
Production	110	107	95	103	0	102
Imports	0	0	0	0	0	0
TOTAL SUPPLY	110	107	95	103	0	102
Exports	0	0	0	0	0	0
Fresh Dom. Consumption	107	104	92	100	0	99
Processing	3	3	3	3	0	3
TOTAL DISTRIBUTION	110	107	95	103	0	102

Fresh Citrus, Other Wholesale Price Table

<b>Prices Table</b>			
<b>Country</b>	<b>Japan</b>		
<b>Commodity</b>	<b>Fresh Citrus,Other</b>		
<b>Prices in</b>	<b>Yen</b>	<b>per uom</b>	<b>KG</b>
<b>Year</b>	<b>1998</b>	<b>1999</b>	<b>% Change</b>
<b>Jan</b>	<b>226</b>	<b>237</b>	<b>4.87%</b>
<b>Feb</b>	<b>190</b>	<b>212</b>	<b>11.58%</b>
<b>Mar</b>	<b>161</b>	<b>200</b>	<b>24.22%</b>
<b>Apr</b>	<b>134</b>	<b>219</b>	<b>63.43%</b>
<b>May</b>	<b>130</b>	<b>230</b>	<b>76.92%</b>
<b>Jun</b>	<b>135</b>	<b>207</b>	<b>53.33%</b>
<b>Jul</b>	<b>97</b>	<b>147</b>	<b>51.55%</b>
<b>Aug</b>	<b>210</b>	<b>129</b>	<b>-38.57%</b>
<b>Sep</b>	<b>106</b>		<b>-100.00%</b>
<b>Oct</b>	<b>116</b>		<b>-100.00%</b>
<b>Nov</b>	<b>183</b>		<b>-100.00%</b>
<b>Dec</b>	<b>284</b>		<b>-100.00%</b>
<b>Exchange Rate</b>	<b>104.05</b>	<b>Local currency/US \$</b>	